

RUNE

Appl. No. 09/638,858

June 14, 2004

**AMENDMENTS TO THE SPECIFICATION:**

*Please amend the paragraph beginning at page 9, line 19, and extending to page 9, line 32 as follows:*

91 In the situation in Fig. 2, for example, utilization of the present invention has three implications. The first implication is that radio network controller (RNC) 24<sub>2</sub> stores the signaling network address of radio network controller (RNC) 24<sub>3</sub>, since radio network controller (RNC) 24<sub>2</sub> needs the address of radio network controller (RNC) 24<sub>3</sub> since URA<sub>5</sub> has cells also in radio network controller (RNC) 24<sub>3</sub>. However, radio network controller (RNC) 24<sub>2</sub> does not need to store the signaling network address of radio network controller (RNC) 24<sub>1</sub> (since none of the URAs within radio network controller (RNC) 24<sub>2</sub> has cells in radio network controller (RNC) 24<sub>1</sub>). A second implication is that radio network controller (RNC) 24<sub>3</sub> stores the signaling network address of radio network controller (RNC) 24<sub>2</sub> (radio network controller (RNC) 24<sub>3</sub> needs this since the URA<sub>5</sub> has cells also in radio network controller (RNC) 24<sub>2</sub>). As a third implication, radio network controller (RNC) 24<sub>1</sub> does not need to store the signaling network address of any other RNC (the URAs 1 and 2 exists only in radio network controller (RNC) 24<sub>1</sub>).

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*Please amend the paragraph beginning at page 10, line 14, and extending to page 10, line 29 as follows:*

Q2 Fig. 5 shows a situation in which a UE is moving from URA<sub>6</sub> to URA<sub>5</sub> (as indicated by arrow 5-1), necessitating a URA Update. Fig. 6 shows a sequence of messaging for the scenario of Fig. 5, including both a URA Update Request message 6-2 sent from the DRNC (radio network controller (RNC) 24<sub>3</sub>) to the SRNC (radio network controller (RNC) 24<sub>1</sub>), and a URA Update Response message 6-2 sent from radio network controller (RNC) 24<sub>1</sub> to radio network controller (RNC) 24<sub>3</sub>. In the sequence in Fig. 6, the DRNC sends to the SRNC, as URA Update Request message 6-2, the following information: (1) its own signaling network address (or an abstract identity representing the signaling network address); and (2) the signaling network address (or an abstract identity representing the signaling network address) of radio network controller (RNC) 24<sub>2</sub>. The transmission of the signaling network address of radio network controller (RNC) 24<sub>2</sub> is necessary since the UE is now in a URA that includes cells in both radio network controller (RNC) 24<sub>3</sub> and radio network controller (RNC) 24<sub>2</sub>. Upon receipt of the information of URA Update Request message 6-2, the SRNC can (if needed) page the UE within the entirety of URA<sub>5</sub>, including cell C<sub>2,5</sub> controlled by radio network controller (RNC) 24<sub>2</sub>.